

Claims

1. A hydrophilic polyurethane foam dressing for a wound filler, which is applied to a burn and a deep wound, comprising:
  - a hydrophilic foam comprising:
    - 5 a plurality of open cells with a diameter of 50 to 400  $\mu\text{m}$ ; and
    - a plurality of pores with a diameter of 10 to 80  $\mu\text{m}$ .
2. The polyurethane foam dressing as set forth in claim 1, having a density of 0.1 to 0.4 g/cm<sup>3</sup>.
3. A method of manufacturing a hydrophilic polyurethane foam dressing for a wound filler, which is applied to a burn and a deep wound, comprising:
  - 10 mixing and agitating 40 to 75 wt% polyurethane prepolymer, 15 to 45 wt% foaming agent, 5 to 35 wt% crosslinking agent, and 0.5 to 15 wt% additive containing a surfactant, a moisturizing agent, and a pigment;
  - injecting a resulting mixture into a mold; and
  - 15 foaming the resulting mixture in the mold.